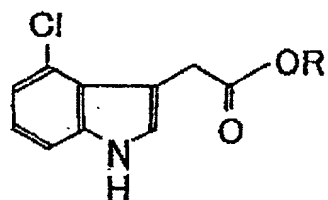


WHAT IS CLAIMED IS:

1. A solution including a compound (or compounds) among those shown as in the following formula ([Compound 1], in which R means one of alkyl- and allyl-groups of hydrogen, methyl, ethyl, 1-propyl, 2-propyl, 1-butyl, isobutyl, 2-butyl, (R)-2-butyl, (S)-2-butyl, tert-butyl, and 1-pentyl.), and a roots-inducing agent of plants characterized by its ability to induce roots of plants without roots made by a cutting into cultivation soil through its spraying onto the surface of leaves.

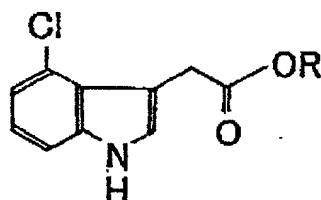
[Compound 1]



2. The roots-inducing agent of plants characterized by the concentration of the above compounds in the range of  $10^{-7} \sim 10^{-2}$  M described in Claim 1.

3. A method to induce roots of plants without roots made by a cutting into cultivation soil through the spraying onto the surface of leaves the solution including a compound (or compounds) among those shown as in the following formula ([Compound 2], in which R means one of alkyl- and allyl-groups of hydrogen, methyl, ethyl, 1-propyl, 2-propyl, 1-butyl, isobutyl, 2-butyl, (R)-2-butyl, (S)-2-butyl, tert-butyl, and 1-pentyl.).

[Compound 2]



4        The method to induce roots of plants without roots characterized by the concentration of the above compounds in the range of  $10^{-7} \sim 10^{-2}$  M described in Claim 3.